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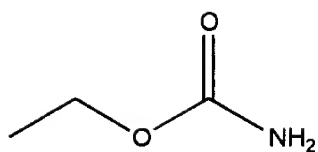
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DB Name	Query	Hit Count	Set Name
DWPI	636361.pn.	4	L12
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urethane

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L11: Entry 11 of 12

File: EPAB

Jan 2, 1997

PUB-NO: EP000751162A1

DOCUMENT-IDENTIFIER: EP 751162 A1

TITLE: Use in and for the preparation of cosmetic or dermatological compositions from polyurethane and/or polyurea blockpolycondensates having silicone grafts

PUBN-DATE: January 2, 1997

INVENTOR-INFORMATION:

NAME

COUNTRY

MOUGIN, NATHALIE

FR

MONDET, JEAN

FR

ASSIGNEE-INFORMATION:

NAME

COUNTRY

OREAL

FR

APPL-NO: EP96401141

APPL-DATE: May 28, 1996

PRIORITY-DATA: FR09507731A (June 27, 1995)

INT-CL (IPC): C08G 18/61; A61K 7/48; A61K 7/06

EUR-CL (EPC): C08G018/61; A61K007/48, C08G018/08

ABSTRACT:

Use, in prepn. of cosmetic and dermatological compsn. (A) of a sequenced polycondensate (I) comprising a chain consisting of the repetition of at least one polyurethane and/or polyurea sequence (M) carrying a polysiloxane graft is new.

Also new are polycondensates (Ia) contg. in addn. to M at least one of repetition of a sequence (N) of formula $-(\square-X_3BX_3CONHRNHCO\square)_x-$ (III) repetition of a polyurethane and/or polyurea sequence (G) contg. oligomers of organic polymers and/or repetition of a polysiloxane sequence (L); $X_3 = O$ or NH ; R = divalent (cyclo)aliphatic or aromatic residue; $x = 1-10$; B = divalent hydrocarbyl with nonionic gps. (alpha, omega -diols, diamines or hydroxyamines, (cyclo)aliphatic or aromatic), anionic (carboxy and/or sulpho) gps., at least partially neutralised, or tert. amino gps., at least partly neutralised, quaternised or converted to betain.

Pref. (I) is multi-sequenced and apart from M also includes: (i) a polyurea/polyurethane (N) contg. nonionic and/or ionic gps.; (ii) G; and/or (iii) L. Partic. M is of formula $-(\square X_1DX_1\square CONHRNHCO-)_x$ $X_1 = O$ or NH ; $D = Z(Q)$; $Z =$ trivalent hydrocarbyl opt. contg. 1 or more heteroatoms, e.g. $(CH_2)_a-CH-CH_2$ where $a = 1-10$; Q = polysiloxane residue; R = divalent (cyclo)aliphatic or aromatic residue. A pref. Q is $(R_1)_2Si-\square-OSi(R_1)_2\square-Si(R_1)_3$ $R_1 = 1-20C$ hydrocarbyl, opt. substd. by 1 or more halo but free of unsaturation, or aromatic gps. and the polysiloxane segment has mean mol. wt. 300-50000. Pref. L are of formula $-(\square X_2PX_2\square CONHRNHCO-)_p$ P = polysiloxane segment; $X_2 = O$ or NH ; R is as R_1 above. A partic. P has formula $-(CH_2)-\square SiMe_2O-\square z-SiMe_2-CH_2)_b$ $b = 1-10$; z is chosen to give segments of mol. wt. 300-50000. Pref. N are of formula (III) but with R more generally defined as any divalent hydrocarbyl residue, nonionic or substd. by positive or negative ionic gps..

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L11: Entry 10 of 12

File: JPAB

Jan 14, 1997

PUB-NO: JP409012425A

DOCUMENT-IDENTIFIER: JP 09012425 A

TITLE: COSMETIC OR DERMATOLOGICAL COMPOSITION AND MULTI-BLOCK POLYCONDENSATION PRODUCT

PUBN-DATE: January 14, 1997

INVENTOR-INFORMATION:

NAME

COUNTRY

MOUGIN, NATHALIE

MONDET, JEAN

ASSIGNEE-INFORMATION:

NAME

COUNTRY

L'OREAL SA

APPL-NO: JP08160152

APPL-DATE: June 20, 1996

INT-CL (IPC): A61K 7/00; A61K 7/032; A61K 7/043; A61K 7/075; A61K 7/11; C08G 77/452; C08G 77/458

ABSTRACT:

PROBLEM TO BE SOLVED: To provide a cosmetic or dermatological composition exhibiting excellent additive effect of a film-forming property and a surface property and composed of a polycondensation product of a polyurethane and/or polyurea containing a silicone graft.

SOLUTION: This composition contains at least one kind of a block polycondensation product of a polyurethane and/or polyurea containing a polymer chain formed by the repetition of at least one kind of polyurethane and/or polyurea block [M] containing a polysiloxane graft. The polysiloxane-grafted polyurethane and/or polyurea block [M] is preferably a group of the formula I [X1 is O or NH; D is Z(Q) (Z is a trivalent hydrocarbon group containing hetero-atom; Q is a polysiloxane segment); R is an alkylene]. The group Q is especially preferably the group of the formula II (R1 is a hydrocarbon group, etc.; (m) is an integer). The composition exhibits excellent adhesivity to hair, eyelash, nail and skin.

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